



17264 U.S. PTO

March 31, 2004

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10/815346  
U.S.PTO



**ATTN: MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the new Utility patent application of:

**APPLICANTS:** Scott Sibbett and Dimiter Petsev

**TITLE:** FABRICATION AND USE OF SEMIPERMEABLE MEMBRANES  
AND GELS FOR THE CONTROL OF ELECTROLYSIS

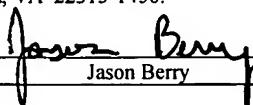
Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

Number of Pages

Specification	17
Claims	5
Abstract	1
Declaration	6
Drawing(s) – [informal]	7

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Date of Deposit: March 31, 2004

I hereby certify under 37 CFR§ 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Jason Berry

**GRAY CARY WARE & FREIDENRICH LLP**

**ATTORNEY DOCKET NO.: INTEL1540 (P18529)**

**ATTN: MAIL STOP PATENT APPLICATION**

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Enclosure(s):

- Application Data Sheet (2 pages)
- Check No. 556811 in the amount of \$960.00
- Return Receipt Postcard

Applicant(s) claim **LARGE ENTITY** status in the above-identified application.

The filing fee is calculated as follows:

	Number Filed		Number Extra		Rate		Fee	
					Large Entity	Small Entity	Large Entity	Small Entity
Total Claims	21-20	=	1	X	\$18	\$09	=	\$18.00
Independent Claims	5 -3	=	2	X	\$86	\$43	=	\$172.00
Multiple Dependent Claims Presented:	<u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>				\$280	\$140	\$ 0.00	\$ 0.00
	<b>BASIC FEE</b>						\$770.00	\$385.00
	<b>TOTAL FEE</b>						\$960.00	\$0.00

Check No. 556811 is enclosed as payment of the **FILING FEE**. The Commissioner is hereby authorized to apply any other required fees or any credits to Deposit Account No. 50-1355, referencing the attorney docket number shown above. A copy of this Transmittal Sheet is enclosed.

**GRAY CARY WARE & FREIDENRICH LLP**

**ATTORNEY DOCKET NO.: INTEL1540 (P18529)**

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If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

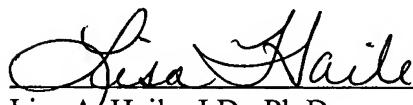
A duplicate copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

All future correspondence should be addressed to:

**Lisa A. Haile, J.D., Ph.D.**  
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Respectfully submitted,

**GRAY CARY WARE & FREIDENRICH LLP**

  
\_\_\_\_\_  
Lisa A. Haile, J.D., Ph.D.  
Registration No. 38,347

March 31, 2004

Date

LAH/MRS/rmw  
Enclosures